

Title (en)

Low zeolithe or zeolithe free detergent.

Title (de)

Zeolitharmes oder zeolithfreies Waschmittel.

Title (fr)

Produit de lavage à teneur réduite ou nulle en zéolithe.

Publication

EP 0511081 A1 19921028 (FR)

Application

EP 92401122 A 19920421

Priority

FR 9104952 A 19910422

Abstract (en)

Washing product (detergent), useful especially for washing dishes, characterised in that it contains: - less than 5% by weight, preferably less than 1% by weight and, even more preferably, a zero quantity of zeolite(s), - less than 40% by weight, preferably less than 20% by weight and, even more preferably, a zero content of phosphate and - from 5 to 75% by weight and, preferably, from 15 to 50% by weight of at least one oxidised polysaccharide. e

IPC 1-7

C11D 3/22

IPC 8 full level

C11D 3/22 (2006.01); **C11D 3/60** (2006.01)

CPC (source: EP)

C11D 3/223 (2013.01)

Citation (search report)

- [X] FR 2063914 A5 19710709 - UNILEVER NV
- [X] FR 2074096 A5 19711001 - FMC CORP
- [X] DE 2023997 A1 19701126
- [A] FR 2126386 A1 19721006 - AKZO NV
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- [A] US 3083285 A 19630326 - HAIMBAUGH RICHARD E, et al
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- [A] EP 0142725 A1 19850529 - KAWAKEN FINE CHEMICALS CO [JP], et al

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Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0511081 A1 19921028; EP 0511081 B1 19990602; AT E180825 T1 19990615; CA 2066879 A1 19921023; DE 69229301 D1 19990708; DE 69229301 T2 19991209; DK 0511081 T3 19991115; ES 2132112 T3 19990816; FI 921769 A0 19920421; FI 921769 A 19921023; FR 2675514 A1 19921023; FR 2675514 B1 19950217; GR 3031035 T3 19991231; JP H05117688 A 19930514

DOCDB simple family (application)

EP 92401122 A 19920421; AT 92401122 T 19920421; CA 2066879 A 19920422; DE 69229301 T 19920421; DK 92401122 T 19920421; ES 92401122 T 19920421; FI 921769 A 19920421; FR 9104952 A 19910422; GR 990402113 T 19990819; JP 10326192 A 19920422